

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-20. (canceled).

21. (currently amended): A method for accelerating ~~nerve~~ regeneration, differentiation and/or proliferation of a cerebral nerve stem cell or a cerebral nerve precursor cell in a mammal, which comprises administering to a mammal an effective amount of a ~~fatty acid compound, (2R)-2-propyloctanoic acid~~ or a salt thereof or a prodrug thereof, provided that the fatty acid compound is not a retinoic acid or a prostaglandin compound.

22. (withdrawn): A method for culturing a cell for transplant, which comprises adding an effective amount of a fatty acid compound excluding retinoic acid and a prostaglandin compound, a salt thereof or a prodrug thereof to a medium comprising a nerve stem cell for transplant, a nerve precursor cell for transplant or a nerve cell for transplant, provided that the fatty acid compound is not a retinoic acid or a prostaglandin compound.

23-32. (canceled).

33. (currently amended): The method according to claim 21, which is useful for regenerating a cerebral nerve tissue or a cerebral neural function.

34-36. (canceled).

37. (currently amended): The method according to claim ~~34~~21, wherein the cerebral nerve stem cell; or the cerebral nerve precursor cell ~~or the nerve cell~~ is a transplant cell.

38. (currently amended): The method according to claim 21, which is useful for inducing a cerebral nerve stem cell or a cerebral nerve precursor cell from a mesenchymal cell, a bone marrow stromal cell or a glia cell.

39. (previously presented): The method according to claim 38, wherein the glia cell is an astrocyte.

40-42. (canceled).

43. (currently amended): The method according to claim 21, which is useful for culture of a cerebral nerve stem cell for transplant; or a cerebral nerve precursor cell for transplant ~~or a nerve cell for transplant~~.

44. (previously presented): The method according to claim 21, which is useful for supplying neurotrophs.

45. (currently amended): A method for accelerating nerve ~~regeneration~~ differentiation and/or proliferation of a cerebral nerve stem cell or a cerebral nerve

precursor cell in a mammal, which comprises administering to a mammal an effective amount of (2R)-2-propyloctanoic acid or a salt thereof,

whereby induction of a nerve cell from an astrocyte is accelerated.

46. (new): A method for inducing a cerebral nerve stem cell for a transplant or a cerebral nerve precursor cell for transplant from a glia cell derived from a mammal, which comprises adding to the glia cell an effective amount of (2R)-2-propyloctanoic acid or a salt thereof.

47. (new): The method according to claim 46, wherein the glia cell is an astrocyte.